

# YOSR BEN NAGRA

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## Experience

### Full-Stack Developer Intern (End-of-Studies Internship)

Feb 2025 – Aug 2025

IT Serv

- Designed full-stack web platform integrating AI, DevOps, and RAG
- Implemented AI-powered symptom checker, doctor blog, patient forum, admin dashboard
- Fine-tuned AI model and set up CI/CD, containerization, and monitoring

Keywords: Python, Flask, MongoDB, Docker, Jenkins, CI/CD, RESTful APIs, ReactJS

### Full-Stack Developer Intern

Jun 2024 – Aug 2024

IronByte

- Developed educational web application with assignment submission and lesson sharing
- Added timetable creation tool improving scheduling efficiency

Keywords: NestJS, ReactJS, MongoDB, TypeScript, JavaScript

### Full-Stack Developer Intern

Jul 2023 – Sep 2023

Ooredoo Tunisie

- Built internal communication app with real-time chat, filtering, and search
- Delivered UX/UI design and unit/integration tests

Keywords: Spring Boot, Angular, Java, RESTful APIs, Oracle

## Education

### Bachelor's Degree in Engineering

Sep 2020 - Jun 2025

Private Higher School of Engineering and Technology (ESPRIT), Tunis, Tunisia

## Projects

### Shape Blaster - Mobile Game

Aug - Sep 2025

Personal Project

- Developed 2D puzzle game where players place shapes to clear horizontal and vertical lines
- Implemented shape spawning system and placement logic to handle strategic positioning and line-clearing mechanics

Keywords: Unity, C#, Mobile Development, Game Design

### Collaborative Document Platform

2023 - 2024

Academic Team Project - ESPRIT

- Developed Notion-like application with real-time collaboration and document sharing across groups and users

Keywords: React, TypeScript, NestJS, WebSockets, Jest, GitHub Actions, Vercel

### Construction Management System

2022 - 2023

Academic Team Project - ESPRIT

- Developed desktop application for construction company managing inventory, staff, materials, and deliveries

Keywords: Qt, C++, Desktop Application, Database Management

## Skills

**Frontend Development:** React, JavaScript, TypeScript, HTML5, CSS3, Redux

**Databases & SQL:** MySQL, PostgreSQL, MongoDB, SQL, Oracle

**APIs & Backend:** RESTful APIs, GraphQL, Node.js, NestJS

**Testing & Quality:** Jest, React Testing Library, Unit Testing, Automated Testing

**CI/CD & DevOps:** Jenkins, GitHub Actions, GitLab CI, Docker, CI/CD Pipelines

**Version Control:** Git, GitHub, Code Reviews, Peer Review

**Methodologies:** Agile/Scrum, Problem-Solving, Team Collaboration

**Additional:** WebSockets, Responsive Design, UI/UX Design

## Languages

Arabic (Native) | English (Fluent) | French (Fluent)